

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Wang

Appln. No.: 10/698,909

Filed : October 31, 2003

For : VIEW DEPENDENT DISPLACEMENT
MAPPING

Docket No.: M61.12-0534

Group Art Unit: 2628

Examiner: S.A. Broome

INFORMATION DISCLOSURE STATEMENT

**VIA ELECTRONIC FILING
SYSTEM (EFS)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

TIME OF FILING

An information disclosure statement is being filed by the applicant within any one of the following time periods:

1. ____
 1. Within three month of the filing date of a national application other than a Continued Prosecution Application (CPA);
 2. Within three months of the date of entry of the National Stage international application;
 3. Before the mailing date of a first Office Action on the merits, or
 4. Before the mailing of a first Office Action after the filing of a Request for Continued Examination (RCE).

2. X after the time period specified in paragraph 1 above, but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

- A. a statement as specified in 37 C.F.R. § 1.97(e).
B. the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c).

METHOD OF PAYMENT

 No fee is required.

 X ELECTRONIC FILING SYSTEM (EFS) PAYMENT \$ 180.00 .

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY P.A.

By 

Todd R. Fronek, Reg. No. 48,516
900 Second Avenue South, Suite 1400
Minneapolis, Minnesota 55402-3319
Phone: (612) 334-3222
Fax: (612) 334-3312

TRF:rdg

FORM PTO-1449	Atty. Docket No.: M61.12-0534	Appl. No.: 10/698,909
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:	
	Wang	
	Filing Date	Group Art:
	October 31, 2003	2628

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AL						
AM						
AN						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	Becker, B.G. and Max, N.L. 1993. "Smooth transitions between bump rendering algorithms" Computer Graphics (SIGGRAPH '93 Proceedings), 183-190.
AP	Blinn, J.F. 1978. "Simulation of wrinkled surfaces" Computer Graphics (SIGGRAPH '78 Proceedings) 12, 3, 286-292.
AQ	Cook, R.L. 1984. "Shade trees" Computer Graphics (SIGGRAPH '84 Proceedings) 18, 1, 1-34.
AR	Dana, K.J., Nayar, S.K., Van Ginneken, B., and Koenderink, J.J. 1999. "Reflectance and texture of real-world surfaces" ACM Transactions on Graphics 18, 1, 1-34.
AS	Doggett, M., and Hirche, J. 2000. Adaptive view dependent tessellation of displacement maps. Eurographics Workshop on Graphics Hardware, 55-66.

AT	Gumhold, S., and Huttner, T. 1999. "Multiresolution rendering with displacement mapping" Eurographics Workshop on Graphics Hardware, 59-66.
AU	Heidrich, W., Daubert, K. Kautz, J., and Seidel, H.P. 2000. "Illuminating micro geometry based on precomputed visibility" Computer Graphics (SIGGRAPH '00 Proceedings), 455-464.
AV	Kautz, J. and Seidel, H.P. 2001. "Hardware accelerated displacement mapping for image based rendering" Graphics Interface, 61-70.
AW	Koenderink, J.J. and Doorn, A.J.V. 1996. "Illuminance texture due to surface mesostructure" Journal of the Optical Society of America 13, 3, 452-463.
AX	Lensch, H.P.A, Daubert, K. and Seidel, H.P. 2002. "Interactive semitransparent volumetric textures" Proc. Vision, Modeling and Visualization, 505-512.
AY	Malzbender, T., Gelb, D., and Wolters, H. 2001. "Polynomial texture maps" Computer Graphics (SIGGRAPH '01 Proceedings) (August).
AZ	Max, N. 1988. "Horizon mapping: shadows for bump-mapped surfaces" The Visual Computer 4, 2, 109-117.
BA	Meyer, A., and Neyret, F. 1998. "Interactive volumetric textures" Eurographics Workshop on Rendering, 157-168.
BB	Oliveira, M.M., Bishop, G. and McAllister, D. 2000. "Relief texture mapping" Computer Graphics (SIGGRAPH '00 Proceedings), 359-368.
BC	Patterson, J.W., Hoggar, S.G., and Logie, J.R. 1991. "Inverse displacement mapping" Computer Graphics Forum 10, 2, 129-139
BD	Pharr, M. and Hanrahan, P. 1996. "Geometry caching for ray-tracing displacement maps" Eurographics Workshop on Rendering, 31-40
BE	Schaufler, G. and Priglinger, M. 1999. "Efficient displacement mapping by image warping" Eurographics Workshop on Rendering, 175-186.
BF	Sloan, P.P. and Cohen, M.F. 2000. "Interactive horizon mapping" Eurographics Workshop on Rendering (June) 281-286
BG	Smits, B., Shirley, P. and Stark, M.M. 2000. "Direct ray tracing of displacement mapped triangles" Eurographics Workshop on Render, 307-318.
BH	Cook, R.L., Carpenter, L. and Catmull, E. 1987. "The reyes image rendering architecture" Computer Graphics (SIGGRAPH '87 Proceedings) 95-102.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.